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FAX TRANSMISSION

DATE: 01/29/04

TO: Examiner S. A. Whitmore

COMPANY: US PTO

FROM: Mani Adeli

S/N: 10/040,948

PAGES: 21 (including this page)

Examiner S. A. Whitmore:

For the application S/N 10/040,948, we received a Notice of Allowance mailed on 11/18/03. Thank you for this Notice of Allowance. However, please note that we submitted several IDS's prior to the Notice of Allowance on 11/10/03, 11/05/03, and 10/27/03. These IDS's were not made of record. Hopefully, by now, these IDS's have worked their way from the mail room to you. To be sure that you have received them, we are faxing you these IDS's along with their postcards that the PTO returned to us.

Please review these IDS's and make them of record by initialing and signing their 1449 forms. If you have any question, please call me at the number below.

Regards,

Mani Adeli

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0723

Phone No. (650) 752-0990 x102
Fax No. (650) 752-0995

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Based on PTO/SB/21 (05-03)

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/040,948
		Filing Date	1/5/02
		First Named Inventor	Steven Teig
		Group Art Unit	2812
		Examiner Name	Stacy A. Whilmire
Total Number of Pages in This Submission		Attorney Docket Number	SPLX.P0025

Enclosures (Check all that apply)

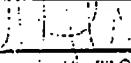
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an application)	<input type="checkbox"/> Alter Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosures (Listed below): Postcard Form 1449 11 cited references Credit Card Payment Form
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks:
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual name	Mani Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP
Signature	
Date	November 10, 2003

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Typed or printed name	Mani Adeli
Signature	
Date	November 10, 2003

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PATENT
Docket No. SPLX.P0025

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Mani Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JAN 29 2004

In the application of:

Steven Teig

Serial No.: 10/040,948

Filing Date: 1/5/02

For: LP METHOD AND APPARATUS FOR
IDENTIFYING ROUTES

OFFICIAL

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement is submitted: After receipt of a first Office Action on the merits but before a final Office Action or Notice of Allowance. A fee is required. A fee in the amount of \$180 is enclosed.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 50-1128 referencing SPLX.P0025. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 10, 2003

Respectfully submitted,

By: _____

Mani Adeli
Registration No. 39,585

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0728

Phone No. (650) 752-0990 x102
Fax No. (650) 752-0995

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Substitute for form 1449A/PTO				Application Number	10/040,948
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	1	of	1	Attorney Docket Number	SPLX.P0025

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document Number	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1.	2002/0182844	A1	12-05-2002	Igarashi et al.	
2.	2003/0053399	A1	01-02-2003	Igarashi et al.	
3.	5,663,891		09-02-1997	Bamji et al.	
4.	5,757,089		05-26-1998	Ishizuka	
5.	5,889,677		03-30-1999	Yasuda et al.	
6.	6,128,767		10-03-2000	Chapman	
7.	6,226,560	B1	05-01-2001	Hama et al.	
8.	6,519,751	B2	02-11-2003	Sriram et al.	
9.	6,543,043	B1	04-01-2003	Wang et al.	

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ^b
	10.	Hu, J. et al., A Timing-Constrained Algorithm for Simultaneous Global Routing of Multiple Nets, IEEE/ACM International Conference on Computer Aided Design, ICCAD - 2000, IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000, pp.99-103.			
	11.	Kastner, R. et al, Predictable Routing, IEEE/ACM International Conference on Computer Aided Design, ICCAD - 2000, IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000, pp. 110-113.			

Examiner Signature	Date Considered
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^a EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ^b Applicant's unique citation designation number (optional). ^c See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ^d Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ^e For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ^f Kind of document as indicated on the document under WIPO Standard ST.16 if possible. ^g Applicant is to place a check mark here if English language translation is attached.

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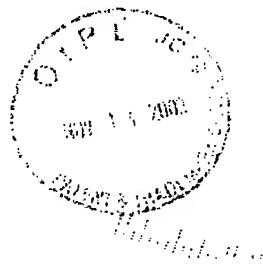
Serial/Patent No.: 10/040,948
Filing Date: 1/5/02
Atty Docket: SPLX_P0025
Applicant(s): Steven Teig

Atty/Secty: Mates
Date Mailed: 1/10/2003

TITLE: LP Method and Apparatus for Identifying Routes

The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (1 page)
4. (11) cited references
5. Credit Card Payment Form



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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/040,948
		Filing Date	1/5/02
		First Named Inventor	Steven Teig
		Group Art Unit	2812
		Examiner Name	Stacy A. Whitmore
Total Number of Pages in This Submission		Attorney Docket Number	SPLX.P0025

Enclosures (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an application)	<input type="checkbox"/> Alter Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declarations(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosures (Listed below): Postcard Form 1449 77 cited references Credit Card Payment Form IDS
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<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks:**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Or Individual name	Mani Adeli, Reg. No 39,585 of Stattler Johansen & Adeli LLP
Signature	
Date	November 5, 2003

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Signature	
	Date
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PATENT
Docket No. SPLX.P0025

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Manji Adeli

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JAN 29 2004

In the application of:

Steven Teig

Serial No.: 10/040,948

Filing Date: 1/5/02

For: LP METHOD AND APPARATUS FOR
IDENTIFYING ROUTES

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INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents
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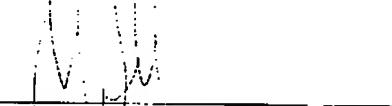
the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

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Dated: November 5, 2003

Respectfully submitted,

By: 

Mani Adeli
Registration No. 39,585

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number 10/040,948 Filing Date 1/5/02 First Named Inventor Steven Teig Group Art Unit 2812 Examiner Name Stacy A. Whitmore Attorney Docket Number SPLX.P0025
Sheet	1	of	6	

U.S. PATENT DOCUMENTS					
Examiner Initials	File No.	U.S. Patent Document Number	Kind Code* (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
1.	2001/0009031		A1	07-19-2001	Nitta et al.
2.	4,593,363			06-03-1986	Burstein et al.
3.	5,267,176			11-30-1993	Antreich et al.
4.	5,566,078			10-15-1996	Ding et al.
5.	5,587,923			12-24-1996	Wang
6.	5,618,744			04-08-1997	Suzuki et al.
7.	5,635,736			06-03-1997	Funaki et al.
8.	5,637,920			06-10-1997	Loo
9.	5,640,327			06-17-1997	Ting
10.	5,784,289			07-28-1998	Wang
11.	5,798,936			08-25-1998	Cheng
12.	5,838,583			11-19-1998	Varadarajan et al.
13.	5,980,093			11-09-1999	Jones et al.
14.	6,070,108			05-30-2000	Andreev et al.
15.	6,150,193			11-21-2000	Glenn
16.	6,209,123	B1		03-27-2001	Maziasz et al.
17.	6,219,832	B1		04-17-2001	Buzbec
18.	6,249,902	B1		06-19-2001	Igusa et al.
19.	6,253,363	B1		06-26-2001	Gasanov et al.
20.	6,295,634	B1		09-25-2001	Matsumoto
21.	6,307,256			10-23-2001	Chiang et al.

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number 10/040,948 Filing Date 1/5/02 First Named Inventor Steven Teig Group Art Unit 2812 Examiner Name Stacy A. Whitmore
Sheet	2	of	6	Attorney Docket Number SPLX.P0025

U.S. PATENT DOCUMENTS					
22.	6,316,838	B1	11-13-2001	Ozawa et al.	
23.	6,324,674	B2	11-27-2001	Andreev et al.	
24.	6,324,675	B1	11-27-2001	Dutta et al.	
25.	6,327,693	B1	12-04-2001	Cheng et al.	
26.	6,330,707		12-11-2001	Shinomiya et al.	
27.	5,407,434	B1	06-18-2002	Rostoker et al.	
28.	6,415,422	B1	07-02-2002	Mehrotra et al.	
29.	6,442,743	B1	08-27-2002	Sarrafzadeh et al.	
30.	6,448,591	B1	09-10-2002	Juengling	
31.	6,473,891	B1	10-29-2002	Shively	
32.	6,480,991	B1	11-12-2002	Cho et al.	
33.	6,490,713	B2	12-03-2002	Matsumoto	
34.	6,546,540	B1	04-08-2003	Igarashi et al.	
35.	6,557,145	B2	04-29-2003	Boyle et al.	
36.	6,567,967	B2	05-20-2003	Greidinger et al.	

FOREIGN PATENT DOCUMENTS						
Examiner's Initials	Case No.	Foreign Patent Document Office's Number ¹	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T ²
	37.	JP 411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;
	38.	JP 2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English

Examiner's Signature		Date Considered
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¹ EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1, if possible. ⁷ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>					Application Number	10/040,948
					Filing Date	1/5/02
					First Named Inventor	Steven Teig
					Group Art Unit	2612
					Examiner Name	Stacy A. Whitmore
Sheet	3	of	6		Attorney Docket Number	SPLX.P0025

FOREIGN PATENT DOCUMENTS						
39.	JP	H03-173471	A	Tawada et al.	07-26-1991	translation of the application, with Japanese Patent Office's English translation of Abstract; and with English translation of the application.
40.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Application Number	10/040,948
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	4	of	6	Attorney Docket Number	SPLX.P0025

FOREIGN PATENT DOCUMENTS		
NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	5	of	6	Attorney Docket Number	SPLX.P0025

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	1/5/02
(use as many sheets as necessary)				First Named Inventor	Steven Teig
Sheet	6	of	6	Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
				Attorney Docket Number	SPLX.P0025

FOREIGN PATENT DOCUMENTS

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Serial/Patent No.: 10/040,948
Filing Date: 1/5/02
Atty Docket: SPLX.P0025
Applicant(s): Steven Teig

Atty/Secty: MA/es
Date Mailed: 11/5/2003

TITLE: LP Method and Apparatus for Identifying Routes

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	Filing Date	1/5/02
	First Named Inventor	Steven Teig
	Group Art Unit	2812
	Examiner Name	Stacy A. Whitmore
Total Number of Pages in This Submission	1	
	Attorney Docket Number	SPLX.P0025

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Signature	
Date	October 27, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig
Serial No.: 10/040,948
Filing Date: 1/5/02
For: LP METHOD AND APPARATUS FOR
IDENTIFYING ROUTES

Examiner: Stacy A. Whitmore

Group Art Unit: 2812

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Alexandria, VA 22313-1450

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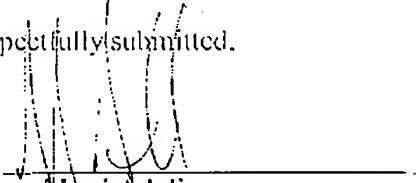
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Dated: October 27, 2003

Respectfully submitted,

By: 

Mani Adeli
Registration No. 39,585

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P.O. Box 51860
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Substitute for form 1449A, PTO		Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	1/5/02
(use as many sheets as necessary)		First Named Inventor	Steven Teig
		Group Art Unit	2812
		Examiner Name	Stacy A. Whitmore
Sheet	1	of	1
		Attorney Docket Number	SPLX.P0025

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published.
	1.	Kastner R et al.: "Predictable Routing" IEEE/ACM International Conference on Computer Aided Design, ICCAD - 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000. Pages 110-113.
	2.	Jiang Hu et al.: "A Timing-Constrained algorithm for Simultaneous Global Routing of Multiple Nets" IEEE/ACM International Conference on Computer Aided Design, ICCAD - 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA USA, 5-9 Nov. 2000. Pages 99-103.

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Serial Patent No.: 10/040,948
Filing Date: 1-5-02
Art Docket: SPLX.P0025
Applicant(s): Steven J. gig

Att'y Secty: MA/ka
Date Mailed: 10-27-2003

TITLE: LP Method and Apparatus for Identifying Routes

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